



May 10, 2012
Project No. 8128.01.08

Mr. Dana Bayuk
Oregon Department of Environmental Quality
2020 SW 4th Avenue
Portland, Oregon 97201-4987

Re: Monthly Progress Report—April 2012
Siltronic Corporation
7200 NW Front Avenue, Portland, OR
ECSI #183

Dear Dana:

Maul Foster & Alongi, Inc. (MFA) has prepared this progress report (Report) in accordance with the requirements of the *Order Requiring Remedial Investigation (RI) and Source Control Measures* (the Order), Oregon Department of Environmental Quality (DEQ) No. VC-NWR-03-16, issued to Siltronic Corporation (Siltronic) on February 9, 2004. The reporting period for this Report is April 1, 2012, through April 30, 2012. The next report is due June 10, 2012.

The report organization follows that of the previous progress reports.

ACTIONS TAKEN UNDER THE ORDER SINCE THE PREVIOUS PROGRESS REPORT

Communications and Submittals

On April 16, 2012, MFA met with representatives of DEQ and NW Natural (NWN) regarding progress on source control components (e.g., wells, piping, piezometers, and trench) proposed on the Siltronic riverbank.

Fieldwork

Groundwater monitoring continued through April in the performance monitoring wells.

Monthly water levels were collected on April 6, 2012. The monthly water levels are included in the attached MS Excel file.¹

During April, Siltronic provided access to representatives of NWN for installation of source control components.

¹ Includes monthly water levels from January 2011 through April 2012; water levels from preceding years have previously been submitted.

Measurements of dense, non-aqueous phase liquid (DNAPL) from former manufactured gas plant (MGP) operations were collected in selected Group 1 and 2 PMWs between April 6 and 26, 2012. MGP DNAPL was measured in the following PMWs using an interface probe:

- WS-33-81: thickness 1.4 ft., measured on April 6.
- WS-43-36: thickness 8.1 ft., measured on April 13.
- WS-15-85: thickness 3.3 ft., measured on April 26.

Samples of MGP DNAPL were collected and submitted for analysis. Consistent with the February 27, 2012 MGP DNAPL submittal and DEQ's verbal approval, MFA staff removed MGP DNAPL from these three wells after sampling and thickness measurements were completed.

Actions to Be Taken in the Next Two Months

Groundwater elevations and DNAPL screening will be collected in May and June, 2012. Performance monitoring consistent with the revised performance monitoring program will continue in May and June, with quarterly sampling in May as well.

Siltronic and its representatives will meet with NW Natural and DEQ in May and June, 2012 as needed to discuss and/or coordinate implementation of the NWN source control components and next steps for the EIB system.

TEST RESULTS AND DATA RECEIVED SINCE THE PREVIOUS PROGRESS REPORT

Some of the data collected through the April 2012 reporting period has been received but validation is not yet complete. Consistent with DEQ comments, the content and format of data submittal memoranda evaluating these data will be developed following DEQ review of the updated and revised PMP. The attached (electronic only) MS Excel data file contains all PMW and quarterly monitoring data, and soil vapor data received through the end of the reporting period (April 30, 2012).

PROBLEMS EXPERIENCED SINCE THE PREVIOUS PROGRESS REPORT

During soil vapor monitoring, three soil vapor probes were not sampled due to water present in locations SG-2, SG-4, and SG-5. Based on field observations, it appears that precipitation is recharging the fill water bearing zone in these locations. No additional problems were experienced.


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Please call either of us at (971) 544-2139 if you have questions or comments.

Sincerely,

Maul Foster & Alongi, Inc.



James G.D. Peale, RG
Senior Hydrogeologist



Ted Wall, PE
Principal Engineer

Attachments: MS Excel file (electronic only)

cc: Tom McCue, Siltronic Corporation
Alan Gladstone, Davis Rothwell Earle and Xochihua
Chris Reive, Jordan Schrader Ramis
Jim Anderson, DEQ
Kristine Koch, EPA
Sean Sheldrake, EPA Seattle
Rene Fuentes, EPA Seattle
Chip Humphrey, EPA Portland
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